



Corres. and H.  
**BOX AF**

PATENT  
Att'y Dkt.: 2207/5915

AF  
2700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

PRUDVI, et al.

Serial No.: 09/212,291

Filed: December 16, 1998

For: TRANSACTION MANAGER AND  
CACHE FOR PROCESSING AGENT

Examiner: T. Thai

Art Unit: 2186

RESPONSE UNDER 37 C.F.R. 1.116  
EXPEDITED PROCEDURE REQUESTED  
EXAMINING GROUP 2186

RECEIVED  
APR X 4 2001  
Technology Center 2100  
11/1/01  
4-10-01

**AMENDMENT AFTER FINAL REJECTION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Responsive to the FINAL Office Action, dated February 26, 2001, kindly amend the application as follows:

**IN THE CLAIMS:**

Please amend the claims as follows. For the Examiner's convenience, all pending claims are set forth below, even those that remain unchanged by this filing. Clean copies of all pending claims are provided in an appendix to this filing.

- Sub  
Box C1
1. (Twice amended) A processing agent adapted to transfer data of a predetermined data line length in an external transaction, the agent comprising an internal cache having a plurality of cache entries, each entry sized to store multiple data line lengths of data.
  2. The processing agent of claim 1, wherein the cache entries include a tag portion adapted to store address information.
  3. The processing agent of claim 2, wherein the internal cache further comprises match detection logic for the tag portions, and control logic provided in communication with the match detection logic.